



Interoffice Memo Office of Design Policy & Support

DATE: 5/28/2020

FILE: P.I.# 0013819
Barrow & Jackson County / GDOT District 1 - Gainesville
SR82 @ Middle Oconee River Bridge Replacement 5 miles NE of Statham

FROM: *Dane Peters*
for R. Christopher Rudd, PE, State Design Policy Engineer

TO: SEE DISTRIBUTION

SUBJECT: APPROVED LOCATION & DESIGN REPORT

Attached is the approved Location and Design Report with Notice of Location & Design Approval for the above subject project.

Attachment

Distribution:

Hiral Patel, Director of Engineering
Joe Carpenter, Director of P3
Albert Shelby, Director of Program Delivery
Darryl VanMeter, Assistant Director of P3/State Innovative Delivery Administrator
Kim Nesbitt, Program Delivery Administrator
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SueAnne Decker, District Preconstruction Engineer
Kim Coley, District Planning & Programming Coordinator
Shannon Giles, Area Manager - D1, A2
Debbie Cottrell, Project Manager
BOARD MEMBER - 9th & 10th Congressional Districts

DATE: 12/16/2019

FILE: P.I. # 0013819
Barrow/Jackson Counties / GDOT District 1 - Gainesville
SR 82 @ Middle Oconee River 5 Mi NE of Statham

FROM: Kimberly W. Nesbitt, State Program Delivery Administrator

 for

TO: Brent Story, PE, State Design Policy Engineer
Attn: Dave Peters, State Conceptual Design Group Manager

SUBJECT: Request for Location and Design Approval

Description and Project Proposal: The SR 82 project will replace the existing bridge over the Middle Oconee River to improve the structural integrity and hydraulic opening of the bridge. The proposed bridge will be 270-feet long with two 12-foot-wide lanes and 8-foot-wide shoulders. The project begins approximately 1,200 feet south of the existing bridge and ends approximately 1,000 feet north of the existing bridge. The overall project length is approximately 0.46 miles. Roadway improvements will be necessary at the bridge approaches to create a smooth transition to the proposed bridge. The proposed roadway typical section consists of 12-foot-wide travel lanes and 10-foot-wide shoulders (6.5-foot paved).

Concept Approval Date: March 28, 2018

Concept Update: The project limits have been revised since the approval of the Concept Report. The limits were extended on both ends of the project due to the discovery of an existing substandard vertical curve, requiring the need for a significant profile raise in order to meet the minimum vertical curve K-value required by AASHTO for the current posted speed.

- Approved Limits: The approved project length is 0.15 miles.
- Proposed Limits: The proposed project length is 0.46 miles.

Required right-of-way has been revised since the approval of the Concept Report. Required right-of-way was increased from 6 parcels to 11 parcels to include the additional limits of the project.

- Approved Required Right-of-Way: The approved required right-of-way is 6 parcels.
- Proposed Required Right-of-Way: The proposed required right-of-way is 11 parcels.

Environmental Document:

Document Type: NEPA - Categorical Exclusion **Approval Date:** May 26, 2020

Public Involvement:

- Public Hearing Open House: not required
- Public Detour Open House:
 - A Public Detour Open House was held on June 26, 2018 at the Statham Community Center. During the meeting, attendees had questions regarding the right-of-way process and wanted to know where their properties were in relation to the project.

- o No comments were received via the court reporter, mail, online or during the meeting.
- o A total of 4 people attended the open house; none were public officials. No significant project changes were made since no comments were received.

Consistency with Approved Planning: The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

Recommendations: Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

Concur: Hiral Patel
GDOT Director of Engineering

Approve: Margaret B. Pirkle 1-31-20
GDOT Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL:

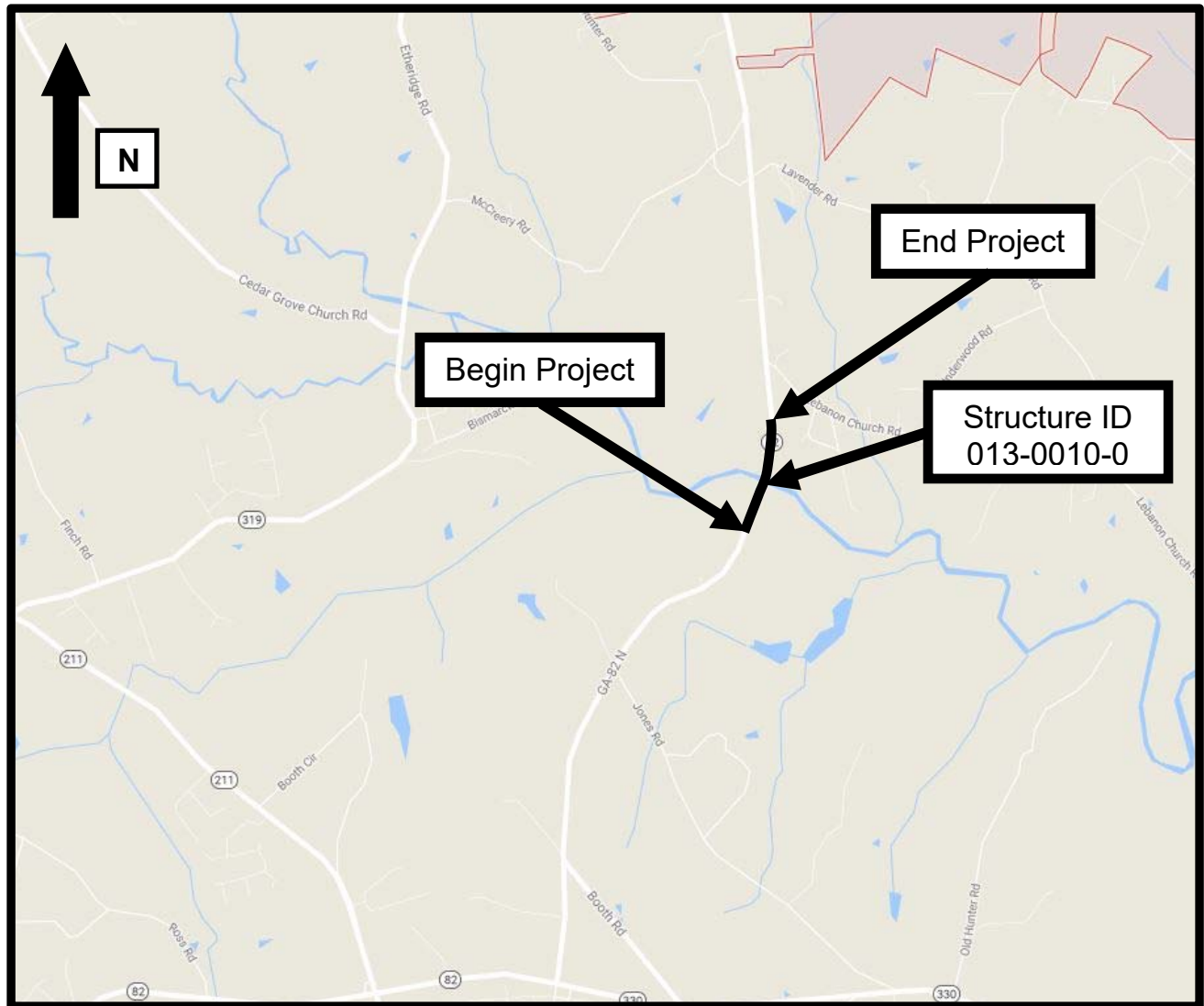
May 28, 2020

*(To be entered by State Conceptual Design
Group Manager)*

Attachments:

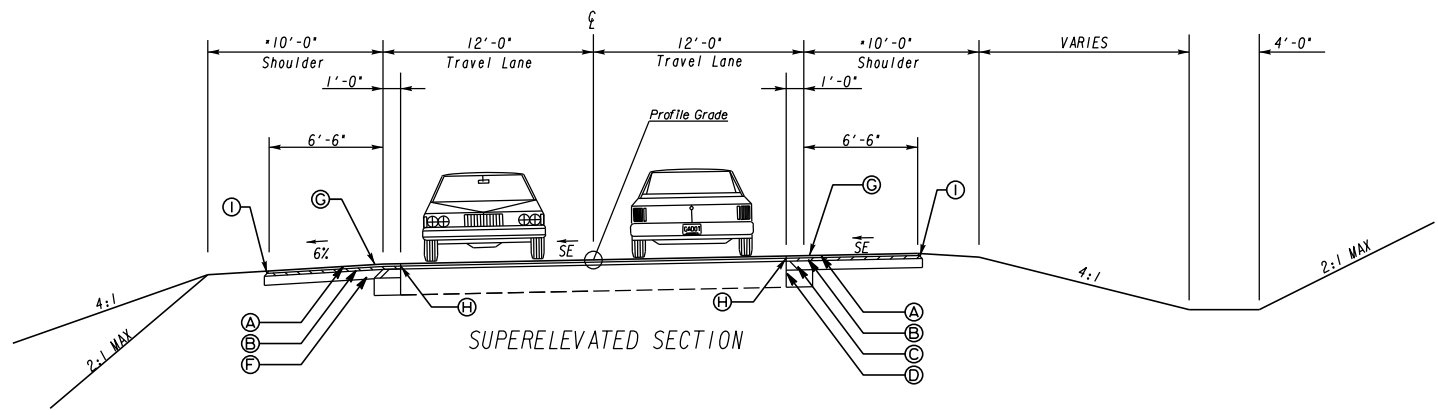
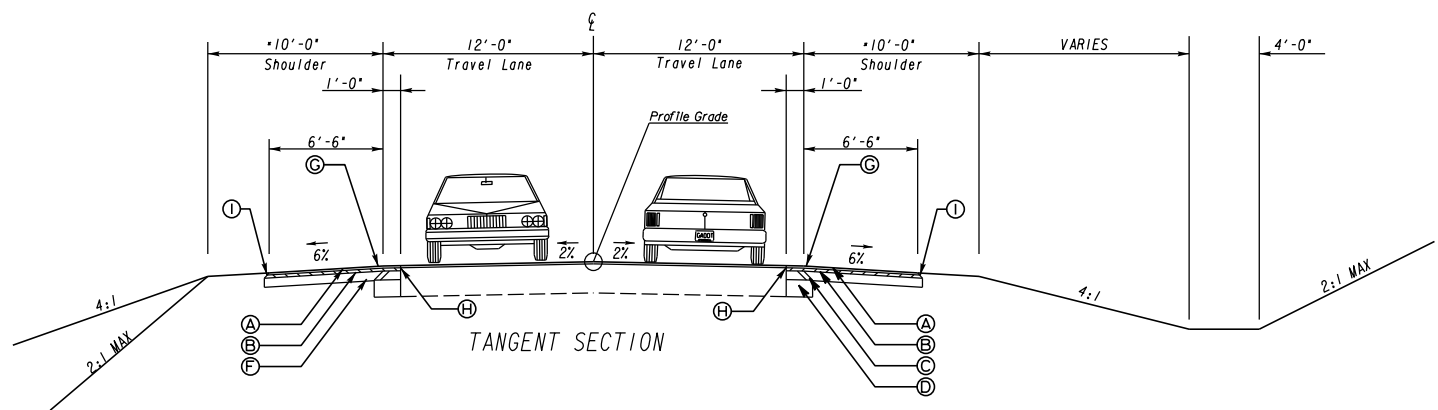
- Location Map
- Typical Sections
- Notice of Location and Design Approval

SR 82 @ Middle Oconee River 5 Mi NE of Statham



Not to Scale

* REFER TO GDOT DETAIL S-4
WHERE GUARDRAIL IS SHOWN
ON PLAN VIEW.



TYPICAL SECTION #1
SR 82
STA. 114+47.75 TO STA. 114+97.75
STA. 136+50.00 TO STA. 137+00.00

PAVEMENT DESIGN

- (A) 165 LB/SY RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME
- (B) 220 LB/SY RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- (C) 440 LB/SY RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME
- (D) 12" GRADED AGGREGATE BASE
- (E) VARIABLE DEPTH ASPHALT MILLING, 0.5" MINIMUM
- (F) 6" GRADED AGGREGATE BASE
- (G) INDENTATION RUMBLE STRIPS
- (H) PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH
- (I) ASPHALT PAVEMENT EDGE TREATMENT, GEORGIA CONSTRUCTION DETAIL P-7

NOTES

1. TYPICAL SECTIONS ILLUSTRATING SUPERELEVATION AND TURN LANES ALSO APPLY TO OPPOSITE-HAND SECTIONS. SEE PLANS FOR LOCATION, DIRECTION, AND COMPLETE DETAILS OF EACH.
2. LOCATION OF EXISTING PAVEMENT VARIES WITH RESPECT TO THE PROPOSED CONSTRUCTION CENTERLINE.
3. SHOULDER TO SLOPE AT NORMAL RATE, HOWEVER, THE ALGEBRAIC DIFFERENCE IN PAVING SLOPE AND SHOULDER SLOPE SHALL NOT EXCEED 8%. MINIMUM SHOULDER SLOPE TO BE 2%.

REVISION DATES

TYPICAL SECTIONS

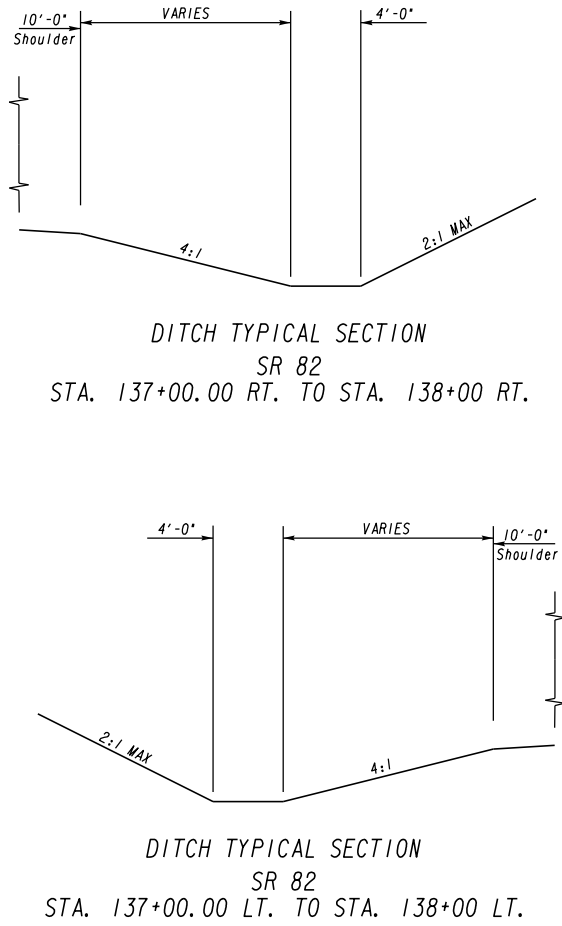
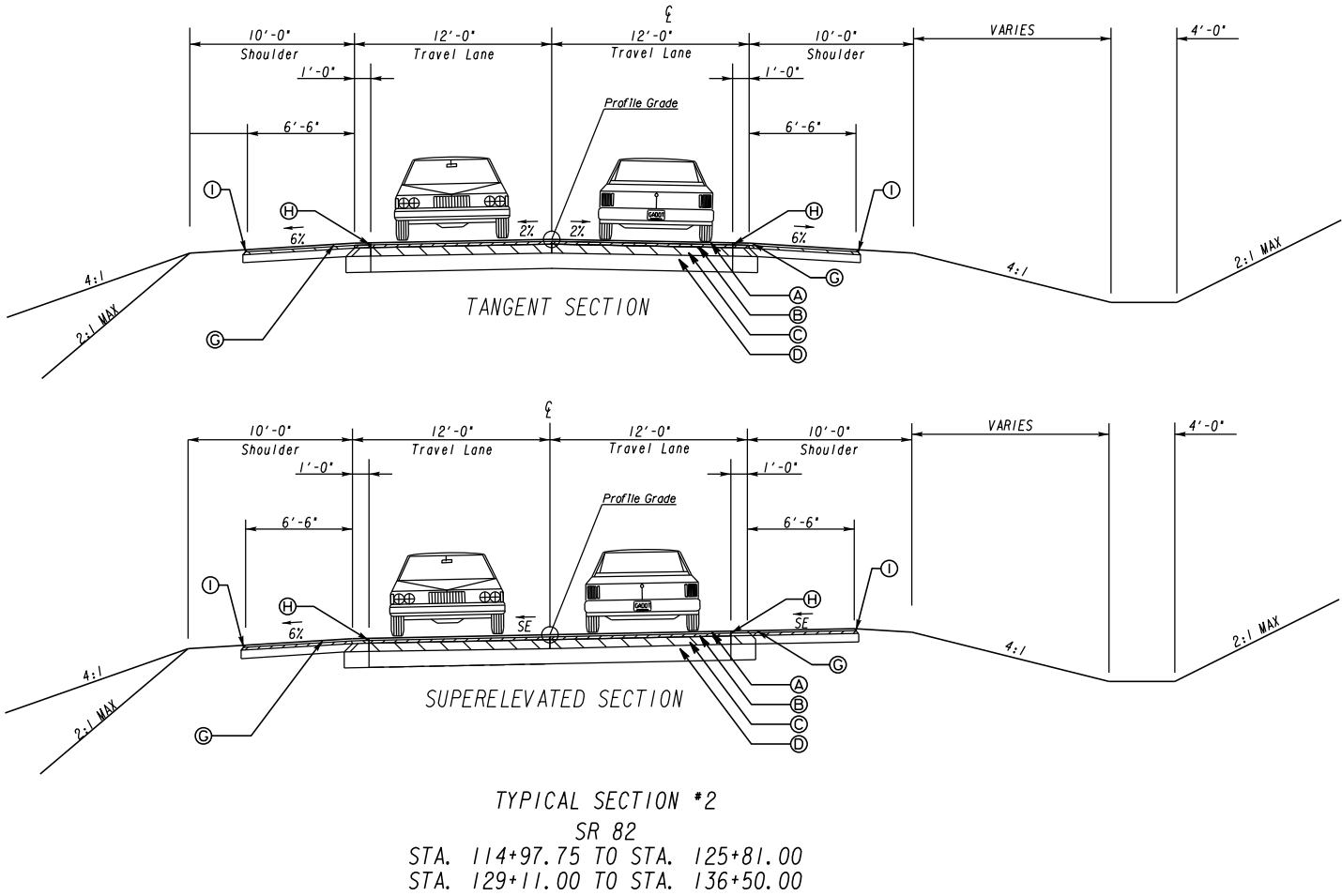
SR 82 AT MIDDLE OCONEE RIVER
BRIDGE REPLACEMENT

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

05-0001

mo
moffatt & nichol

CLP
3011 SUTTON GATE DRIVE, SUITE 130
SUWANEE, GEORGIA 30024
TEL (800) 274-9000
FAX (770) 831-9243
www.clarkpatterson.com
Clark Patterson Lee
ARCHITECTURE | ENGINEERING | PLANNING



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TYPICAL SECTIONS

SR 82 AT MIDDLE OCONEE RIVER
BRIDGE REPLACEMENT

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05-0002

moffatt & nichol

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NOTICE OF LOCATION AND DESIGN APPROVAL

P. I. 0013819

BARROW AND JACKSON COUNTIES

Notice is hereby given in compliance with Georgia Code 22-2-109 and 32-3-5 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location and design approval is: May 28, 2020

The SR 82 project in Barrow and Jackson Counties will replace the existing bridge over the Middle Oconee River to improve the structural integrity and hydraulic opening of the bridge. The proposed bridge will be 270-feet long with two 12-foot-wide lanes and 8-foot-wide shoulders. The project begins approximately 1,200 feet south of the existing bridge and ends approximately 1,000 feet north of the existing bridge. The overall project length is approximately 0.46 miles and is located within Georgia Militia District 1742 in Barrow County and Georgia Militia District 242 in Jackson County. Roadway improvements will be necessary at the bridge approaches to create a smooth transition to the proposed bridge. The proposed roadway typical section consists of 12-foot-wide travel lanes and 10-foot-wide shoulders (6.5-foot paved).

The existing bridge will be replaced at its existing location and traffic will be maintained during construction via an off-site detour. The proposed detour route is approximately 13 miles and construction time is estimated to last 12 months.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Shannon Giles, Area Engineer
District 1, Area 2
sgiles@dot.ga.gov
450 Old Hull Road
Athens, GA 30601
Phone: (706) 583-2644

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Kimberly W. Nesbitt, State Program Delivery Administrator
Georgia Department of Transportation – Office of Program Delivery
Attn: Malaika Faciane
Email: MFaciane@dot.ga.gov
600 West Peachtree St NW, 25th Floor
Atlanta, GA 30308
Phone: (404) 631-1575

Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.

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